

Material Safety Data Sheet
May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

UCLIC
PDRSF
11.3.25.1
11/24/87

IDENTITY (As Used on Label and List)
Resin bonded grinding wheels

Note: Blank spaces are not permitted. If any item is not applicable, or no
information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name
Western Abrasives, Inc. & Beaver State Abr.

Emergency Telephone Number
(503) 234-0733

Address (Number, Street, City, State, and ZIP Code)
2105 S.E. 6th Ave.

Telephone Number for Information
(503) 234-0733

Portland, OR 97214

Date Prepared
November 24, 1987 Supersedes previous MSDS

Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
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SEE PAGE 3 ATTACHMENT

Section III — Physical/Chemical Characteristics

Boiling Point	NAIF	Specific Gravity (H ₂ O = 1)	NAIF
Vapor Pressure (mm Hg.)	NAIF	Melting Point	NAIF
Vapor Density (AIR = 1)	NAIF	Evaporation Rate (Butyl Acetate = 1)	NAIF

Solubility in Water

NAIF

Appearance and Odor

A solid which breaks down during use to dust. Dust may have a mild odor.

USEPA SF



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Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	NAIF	Flammable Limits	NAIF	LEL	NAIF	UEL	NAIF
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Extinguishing Media

Water

Special Fire Fighting Procedures

Approved breathing apparatus may be necessary where dangerous accumulations of toxins occur. (See section V)

Unusual Fire and Explosion Hazards

Accumulations of dust of some ingredients pose explosion hazards, but are not expected to be a problem in normal grinding procedures.

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid)

Fluorine gas, acids, CO₂, oxidizers.

Hazardous Decomposition or Byproducts

Combustion - CO₂; CO; fluoride, sodium oxide, potassium oxide fumes.

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? yes Skin? yes Ingestion? not likely

Health Hazards (Acute and Chronic)

Nuisance dust is created during grinding operations which may cause eye, skin and respiratory irritation. See section II for more information. Heat generated from the friction of grinding may release toxins noted in section V.

Carcinogenicity: no NTP? IARC Monographs? OSHA Regulated?

Signs and Symptoms of Exposure Dry mucous membranes; red scratchy eyes, nose, throat and skin.

Medical Conditions

Generally Aggravated by Exposure Pre-existing respiratory problems may be aggravated by exposure to dust.

Emergency and First Aid Procedures

Inhalation: remove to fresh air. Eyes: flush with water. Skin: wash with soap and water. If irritation persists, consult physician.

Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled NA

Waste Disposal Method Standard landfill.

Precautions to Be Taken in Handling and Storing

Do not handle roughly. Inspect for defects before using.

Store away from heat and moisture.

Other Precautions

Observe maximum r.p.m. ratings.

Section VIII — Control Measures

Respiratory Protection (Specify Type)

Masks that comply with OSHA 29 CFR 1910.134.

Ventilation yes	Local Exhaust recommended to maintain TLV	Special none
	Mechanical (General) recommended to maintain TLV	Other none

Protective Gloves

optional

Eye Protection

Required - see OSHA 29 CFR 1910.133

Other Protective Clothing or Equipment

Hearing protection - see OSHA 29 CFR 1910.215. Face shield, apron recommended.

Work/Hygienic Practices

Do not smoke while using product. Wash hands before smoking or eating.